70-3073

KERR-McGEE CORPORATION
KERR-McGEE CENTER • OKLAHOMA CITY, OKLAHOMA 73125

March 8, 1993

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Fenton R. Rood
Solid Waste Management Service
Oklahoma State Department of Health
1000 N.E. 10th Street
Oklahoma City, Oklahoma 73152

Dear Mr. Rood:

Pursuant to Section IX.2 of the Consent Order entered in State of Oklahoma v. Kerr-McGee Corporation, No. C-90-91-H, Kerr-McGee Corporation hereby submits the attached written progress report for the month of February, 1993.

If you have any questions or comments, please contact me at (405) 270-2637 (OKC) or (918) 225-7753 (Cushing).

Sincerely,

Jeff Ostmeyer
Site Coordinator
Kerr-McGee Technology and Engineering Division

cc:
Bill Fisher - U.S. NRC, Arlington, Texas
William M. Kemp - Radiation Protection Service
David N. Fauver - U.S. NRC, Washington, D.C.
Kerr-McGee Citizens' Oversight Committee

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RADIOLOGICAL INVESTIGATION AND REMEDIATION

Radiological field work was limited due to inclement weather. Concrete from the former west dock of the Harris building was moved into the Harris Building where final surveying was initiated. Approximately 85 samples were counted during February.

Envirocare of Utah was visited by Roy Smith, Jeff Lux and Jeff Ostmeyer to discuss the potential of using their Disposal facility. Waste characterization requirements were specified and complience potential volumes were considered.

Posts marking the 100 meter grid points were located and marked with paint and metal tags. Some of the posts marking grid points are missing. The locations missing posts were noted for replacement.

Storage area "B" was leveled to facilitate sampling and compaction testing. Samples from the three storage areas were collected and sent to Standard Testing for characterization in order to meet anticipated NRC compaction requirements.

NON-RADIOLOGICAL ASSESSMENT AND REMEDIATION

Surface water that accumulated on the waste pits and seepage from the french drain were transferred to holding ponds and neutralized. Holding pond 1 was discharged twice and pit 5 was discharged once during February.

Since expansion, the treating system at pit 5 is working very well. Stover & Associates, Inc., Stillwater, Oklahoma, is designing improved water treatment systems for treating ponds 1 and 5.

Oil collection activities continue. About 210 gallons of oil was recovered from the interceptor trench sumps in February. Stover & Associates, Inc. is designing an oil recovery system.

Waste pit identification and delineation was initiated in February. This work is being performed by Kerr-McGee Corporation's Hydrology Department.

ACTIVITIES PLANNED FOR MARCH 1993

Radiological

1. Continue preparation of health physics program.
2. Survey and/or begin construction of radiological storage areas.
3. Improve documentation of completed radiological work.
4. Information will be up-dated for "hot spots" outside of Pit 4, the Harris building, and the trash dump.
5. Send samples of materials to Envirocare of Utah, Inc., and a Utah certified laboratory for characterization.
6. Continue cleaning concrete from Harris building dock.
7. Replace missing posts at 100 meter grid points.

Non-radiological

1. Continue to recover oil from Skull Creek before it leaves the site, and from the oil interceptor trench.
2. Continue neutralizing and discharging water from waste pits.
3. Complete Final Remedial Investigation and Draft Feasibility Study reports.
4. Complete site health and safety plan.
5. Complete work to identify and delineate additional waste pits on site.
6. Begin investigation of the site in an attempt to locate a potential OIW landfill location.
7. Work with Fish and Wildlife Department and Soil Conservation Service to develop a plan to accelerate establishment of flora and fauna in the new Skull Creek channel.
8. Submit application to Army Corp of Engineers to implement plan for Skull Creek flora/fauna enhancement.